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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: MAX

10019691

Application No.: 10/19,691

Filed: January 3, 2002

Group: (Unknown)

RECEIVED
U. S. PATENT & TRADEMARK OFFICE
MAR 26 2002
Title: CONTROLLED COOLING OF
INPUT WATER BY DISSOCIATION OF
HYDRATE IN AN ARTIFICIALLY
PRESSURIZED ASSISTED
DESALINATION FRACTIONATION
APPARATUS

Examiner: (Unknown)

* * * *

March 26, 2002

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents
Washington, D. C. 20231

Sir:

Attached is a Form PTO-1449 listing the enclosed documents.

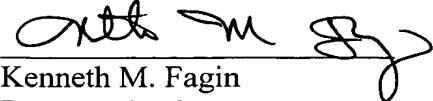
This Information Disclosure Statement is being filed before the issuance of a first
Office Action.

This Information Disclosure Statement is intended to be in full compliance with the
rules, but should the Examiner find any part of its required content to have been omitted,
prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f),
to enable Applicant to comply fully.

Consideration of the foregoing and enclosures plus the return of a copy of the herewith Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 along with an early Action on the merits of this application are earnestly solicited.

Respectfully submitted,

PILLSBURY WINTHROP LLP


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FORM PTO-1449 (modified)
 To: U.S. Department of Commerce
 (PW FORM PAT-1449)
 Patent and Trademark Office

Atty. Dkt. No.	M#	Client Ref.
	283222	

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: March 26, 2002

Page **1** of **4**

Applicant: MAX

Appln. No.: 10/19,691 | 001 9691

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Examiner: (Unknown) | Group Art Unit: (Unknown)

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR	6,180,843 B1	01/2001	Heinemann et al.			
BR	6,028,234	02/2000	Heinemann et al.			
CR	6,245,955 B1	06/2001	Smith			
DR	3,308,063	03/1967	Hess et al.			
ER	3,350,299	10/1967	Hess et al.			
FR	3,350,300	10/1967	Hess et al.			
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HR	3,892,103	07/1975	Antonelli			
IR	3,983,032	09/1976	Hess et al.			
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LR	4,643,832	02/1987	Iniotakis et al.			
MR	4,652,375	03/1987	Heilweil et al.			
NR	4,670,159	06/1987	Garrett et al.			
OR	4,767,527	08/1988	Iniotakis et al.			
PR	5,037,555	08/1991	Pasternak et al.			
QR	5,076,934	12/1991	Fenton			
RR	5,128,042	07/1992	Fenton			
SR	5,512,176	04/1996	Blair			
TR	5,679,254	10/1997	Chakrabarti			
UR	5,816,057	10/1998	Dickey et al.			
VR	6,296,060 B1	10/2001	McCaslin			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
WR	JP55055125	04/1980	Japan	Kimura et al.	X			X
XR	JP61025682	02/1986	Japan	Iwasaki et al	X			X
YR	JP11319805	11/1999	Japan	O Yoshio	X			X
ZR	JP20000202444	07/2000	Japan	Akine	X			X
AAR	WO01/34267A1	05/2001	PCT	Gougel	X		X	
BBR	JP59029078	02/1984	Japan	Futami et al.	X			X
CCR	JP58109179	06/1983	Japan	Fuchigami et al.	X			X

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

DDR Russian Abstract Publication No. 2166348, May 10, 2001, Mel'nikov et al.

X X X

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Examiner: (Unknown) Group Art Unit: (Unknown)

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BR	5,873,262	02/1999	MAX ET AL.			
CR	5,660,603	08/1997	ELLIOT ET AL.			
DR	5,553,456	09/1996	MCCORMACK			
ER	5,304,356	04/1994	IIJIMA ET AL.			
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HR	3,027,320	03/1962	BUCHANAN	X210	711	
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JR	3,119,772	01/1964	HESS ET AL.	210	711	
KR	3,126,334	03/1964	HARLOW	210	711	
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MR	3,148,143	09/1964	DONATH	210	711	
NR	3,155,610	11/1964	WILLIAMS	210	710	
OR	3,171,727	03/1965	BROWN	X62	532	
PR	3,214,371	10/1965	TUWINER	62	532	

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					Enclosed	No	Enclose	No
QR	SU997715	02/1983	Russia	Denisov et al	X			X
RR	SU1006378	03/1983	Russia	Smirnov et al.	X			X

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

SR	Rautenbach et al., Entwicklung und Optimierung eines Hydrat-Verfahrens zur Meerwasserentsalzung, Chemie-Ing.-Techn 45 jahrg. 1973/Nr. 5, pp. 259-254.			
TR	Seliber, Methane Cooled Desalination Method and Apparatus, USPTO, Defensive Publication T939,007 - Published October 7, 1975			
UR	Japanese Abstract, Journal Number: G0941AAK ISSN No: 0453-0683, 1995, vol. 42, No. 7. Accession Number: 95A0492545, File Segment: JICST-E			
VR	EPO - Patent Abstracts of Japan Publication No. 61136481, Publication date 24-06-86, Muneschichi, Concentration of Aqueous Solution English language abstract.			
WR	XP-002143497 SU1328298 English language abstract.			

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Examiner: (Unknown)		Group Art Unit: (Unknown)

Date: March 26, 2002

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AR	3,217,505	11/1965	TUWINER	X585	15	
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DR	5,055,178	10/1991	SUGIER ET AL.	X585	15	
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HR	3,712,075	01/1973	SMITH ET AL.			
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XR	5,397,553	05/1995	SPENCER			

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YR			
ZR			
AAF			
BBF			
CCF			
DDF			
EEF			

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AR	4,267,022	05/1981	PITCHER	203	100	
BR	4,376,462	03/1983	ELLIOT ET AL.	166	267	
CR	4,424,858	01/1984	ELLIOT ET AL.	166	52	
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					Enclosed	No	Enclose	No
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JR	WO 01/04056	01/2001	PCT	MAX	(with substitute sheets)	X	X	
KR	Sho 58-109179	6/1983	Japanese	Uchigami et al.	X		X	
LR	Sho 58-29078	2/1984	Japanaese	Nimi et al	X		X	

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

MR	Max et al., "Extraction of Methane from Oceanic Hydrate System Deposits", Offshore Technology Conference, Paper No. 10727, pp. 1-8 (1999)		
NR	Max and Lowrie, "Oceanic Methane Hydrates; A "Frontier" Gas Resource", <u>Journal of Petroleum Geology</u> , Vol. 19(a), pp. 41-56 (January 1996)		
OR	Max and Dillon, "Oceanic Methane Hydrate: The Character of the Blake Ridge Hydrate Stability Zone, and the Potential for Methane Extraction," <u>Journal of Petroleum Geology</u> , Vol. 21(3), July 1998, pp. 343-357		
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QR	Max and Chandra, "The Dynamic Oceanic Hydrate System: Production Constraints and Strategies," Offshore Technology Conference, Paper No. 8684, pp. 1-10 (1998).		
RR	Max et al., "Methane-Hydrate, A Special Clathrate: Its Attributes and Potential," <u>Naval Research Laboratory</u> , NRL/MR/6101-97-7926, pp. 1-74 (February 28, 1997)		
SR	Max and Lowrie "Oceanic Methane Hydrate Development: Reservoir Character and Extraction," <u>Naval Research Laboratory (NRL)</u> , OTC 8300, pp. 235-240.		

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